

MONITOR DEVICES/ INTERCIRCUITS INC.

NEW JERSEY

EPA ID# NJD980529408



EPA REGION 2
CONGRESSIONAL DIST. 04
Monmouth County
Lakewood Industrial Park

Site Description

From 1977 to 1981, Monitor Devices/Intercircuits Inc. manufactured printed circuit boards at this 2-acre site. The manufacturers leased the property from the site owner. Two structures stand on the property: the main building held the business office and production lines; the other was a storage shed. The process involved the use of copper, tin, lead, nickel, and gold cyanide, and treatment with sulfuric acid, fluoroboric acid, and acetone. Operators discharged process wastewater either into a small, unlined pond, or directly on the ground at the rear of the building. In addition, drums and plastic containers were improperly stored outdoors and were in poor condition. In 1980, after observing the company's waste handling practices, the State ordered it to sample groundwater and to clean up the site as necessary. The company moved out in 1981 without fully complying with the order. In 1983, Monmouth County filed criminal charges against the company for violating environmental laws. The company went bankrupt in 1988. A furniture business employing 6 to 8 workers is currently operating on site. The site is surrounded by industrial and commercial areas located next to a small airport. There are no residences within 1 mile of the site. Two public water supply wells lie about 2 miles upgradient of the site, which supply drinking water to approximately 24,000 people. An industrial well is downgradient of the site.

Site Responsibility: This site is being addressed through Federal and State actions.

NPL LISTING HISTORY

Proposed Date: 04/01/85
Final Date: 06/01/86

Threats and Contaminants



On-site groundwater and soil contains heavy metals including copper, chromium, and volatile organic compounds (VOCs). People may be at risk from direct contact with or accidental ingestion of contaminated soil.



Cleanup Approach

This site is being addressed in a single long-term remedial program focusing on groundwater and soil cleanup.

Response Action Status



Groundwater and Soil: In 1986, the State began a two-phase Remedial Investigation and Feasibility Study of soil and groundwater contamination at the site. The State completed the first phase, which involved investigating soil, subsurface soil, and groundwater contamination. Due to contractual problems, the State requested that EPA assume responsibility for the site. EPA has completed the soil investigation and the first phase of the groundwater investigation. Data from the first phase of the groundwater investigation has indicated that the groundwater plume is larger than originally expected. EPA is conducting additional groundwater activities to determine the extent of the groundwater plume, these activities will be completed by fall 2002, upon their completion, EPA will then develop cleanup alternatives for the site.

Cleanup Progress



After adding this site to the NPL, EPA performed preliminary investigations and determined that no immediate actions were required at the Monitor Devices/Intercircuits Inc., Site to protect human health or the environment while further studies are being completed.